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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/632,294	08/04/2000	Tal Isaac Lavian	10360-053001	1868

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EXAMINER

KUMAR, UTTAM

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 09/17/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/632,294

Applicant(s)

LAVIAN ET AL

Examiner

Uttam Kumar

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) ____ is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 1-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Huang et al (U.S. 6,292,829).

1. As to claims 1, 14, 22 and 24, Huang et al discloses a method and device for network management, which teaches:

receiving a management information base (MIB) including information related to one or more aspects of a network device (column 3, lines 32-34);

extracting a subset of information from the MIB describing at least one aspect of the network device (column 8, lines 7-8);

and generating a set of object-oriented classes and object-oriented methods corresponding to the subset of information in the MIB (column 3, lines 40-55).

As to claims 2, 4, 9, 10, 15 and 17, Huang et al teaches information in the MIB corresponds to a set of network parameters organized in a hierarchy and used to describe aspects of the network device and that the relationship among the object-oriented classes is a hierarchy that corresponds to the MIB. (column 5 lines 39-40).

As to claims 3 and 16, Huang et al teaches extracting information from the MIB further includes lexically recognizing a set of tokens corresponding to a set of network parameters that describes aspects of the network device and parsing the tokens according to a hierarchical relationship between the set of parameters (column 3, lines 1-10). .

As to claims 5, 11, and 18, Huang et al teaches the object-oriented methods generated include methods capable of accessing and manipulating objects instantiated from at least one of the object-oriented classes (column 6 lines 10-14).

As to claims 6, 12, and 19, Huang et al teaches the object-oriented methods include one ore more of the operations used to operate on the MIB (column 5, lines 43-65).

As to claims 7, 13, and 20, Huang et al teaches the operations used to operate on the MIB are selected from a group of operations including get, set, and test of SNMP (simple network management protocol) variables (column 6, lines 30-32).

As to claims 8, 23, and 25, Huang et al teaches:

providing a MIB including information related to one or more aspects of a network device (column 3, lines 12-18)

and using a set of object-oriented classes and object-oriented methods that corresponds to the MIB and information related to one or more aspects of the network device (column 3, lines 18-29).

As to claim 21, Huang et al's invention teaches at least two storage units as described by the claim. The first storage area from where the MIB is received would be configured to store a MIB (column 3, lines 14-18). The second storage area, which is configured to store a set of object-oriented classes and object-oriented methods that corresponds to the MIB and information related to one or more aspects of the network device is described in column 3, lines 39-54 and lines 18-26.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uttam Kumar whose telephone number is 703-305-

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0719. The examiner can normally be reached on M-Th 7:30-5; every other Friday 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 703-308-7562. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Uttam Kumar
Patent Examiner
AU 2157
September 5, 2003


ARIO ETIENNE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100